

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061721AL\
 Data File : FD037950.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jun 2021 10:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 03:15:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.435	2763209	19.470 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	12.870	2125613	19.065 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.247	2487360	20.573 ug/ml
2) T n-Decane (C10)	4.305	2528624	20.629 ug/ml
3) T A~Naphthalene (C11.7)	5.875	2801474	20.774 ug/ml
4) T n-Dodecane (C12)	6.312	2569756	20.932 ug/ml
5) T A~2-methylnaphthalene...	6.926	2807562	20.734 ug/ml
6) T n-Tetradecane (C14)	8.098	2620303	20.881 ug/ml
7) T n-Hexadecane (C16)	9.690	2601366	20.325 ug/ml
8) T n-Octadecane (C18)	11.125	2626337	19.875 ug/ml
10) T n-Eicosane (C20)	12.429	2549715	19.319 ug/ml
11) T n-Heneicosane (C21)	13.038	2543069	19.164 ug/ml
13) T n-Docosane (C22)	13.622	2472958	18.861 ug/ml
14) T n-Tetracosane (C24)	14.719	2415902	18.513 ug/ml
15) T n-Hexacosane (C26)	15.734	2288651	18.032 ug/ml
16) T n-Octacosane (C28)	16.681	2191755	17.663 ug/ml
17) T n-Tricontane (C30)	17.564	2117041	17.594 ug/ml
18) T n-Dotriacontane (C32)	18.392	2029863	17.734 ug/ml
19) T n-Tetratriacontane (C34)	19.172	1968504	18.212 ug/ml
20) T n-Hexatriacontane (C36)	19.908	1889752	18.923 ug/ml
21) T n-Octatriacontane (C38)	20.614	1846475	20.102 ug/ml
22) T n-Tetracontane (C40)	21.450	1915892	20.142 ug/ml

(f)=RT Delta > 1/2 Window

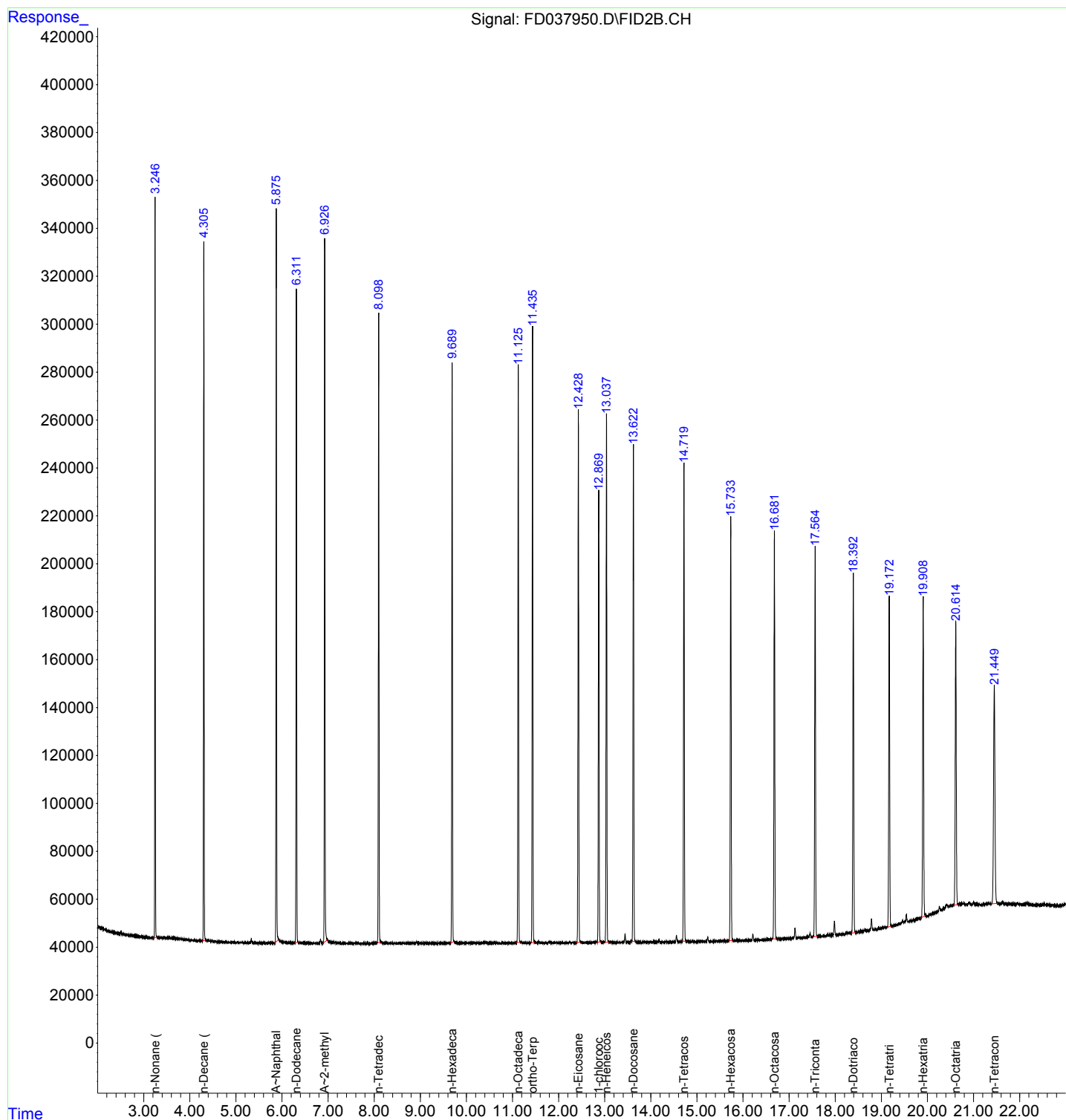
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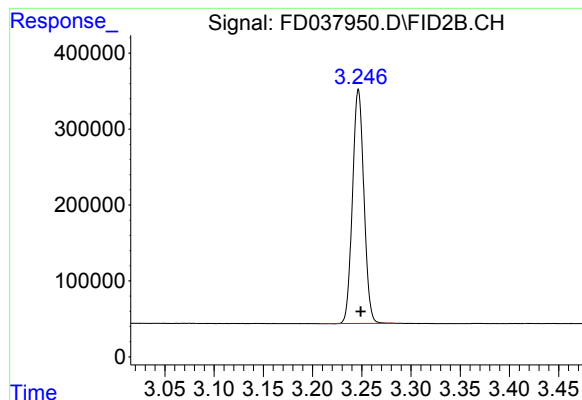
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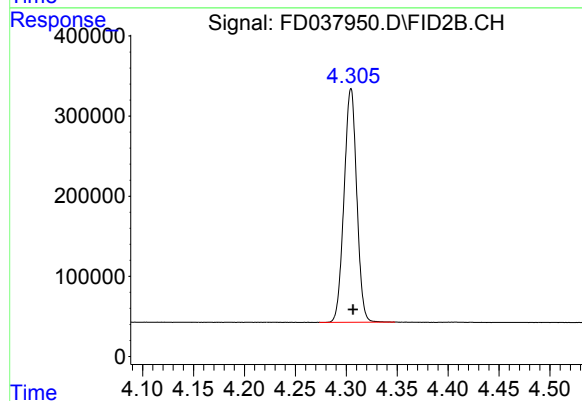




#1 n-Nonane (C9)

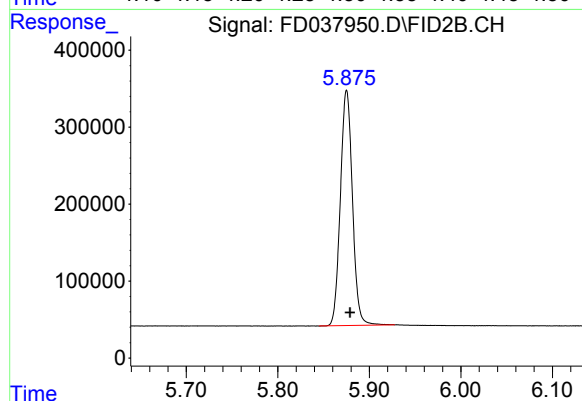
R.T.: 3.247 min
Delta R.T.: -0.002 min
Response: 2487360
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



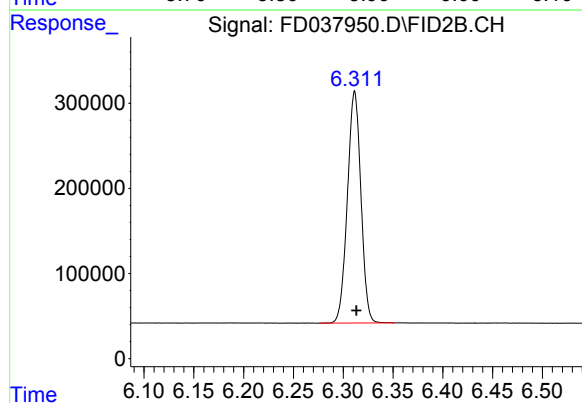
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: -0.002 min
Response: 2528624
Conc: 20.63 ug/ml



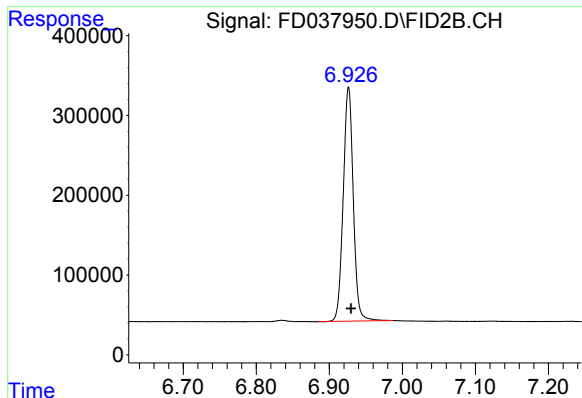
#3 A~Naphthalene (C11.7)

R.T.: 5.875 min
Delta R.T.: -0.004 min
Response: 2801474
Conc: 20.77 ug/ml



#4 n-Dodecane (C12)

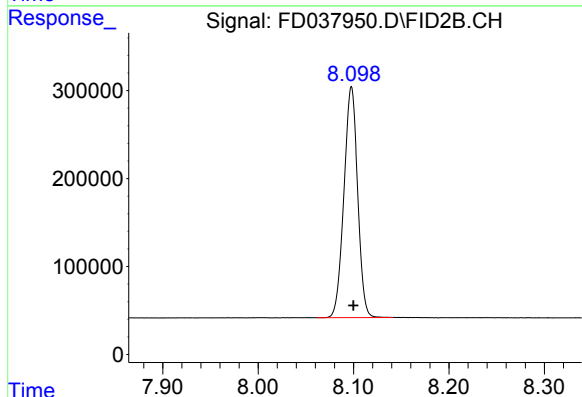
R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 2569756
Conc: 20.93 ug/ml



#5 A~2-methylnaphthalene (C12.89)

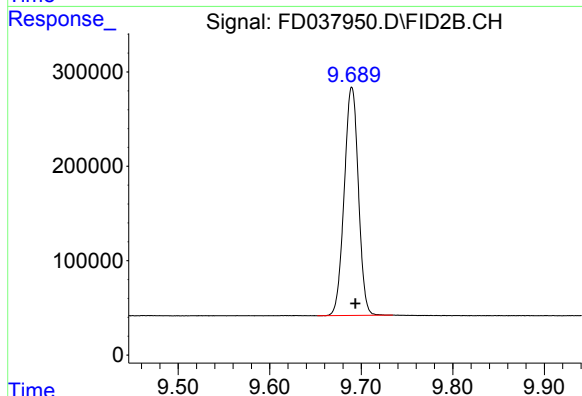
R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 2807562
Conc: 20.73 ug/ml

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20 PPM ALIPHATIC HC STD



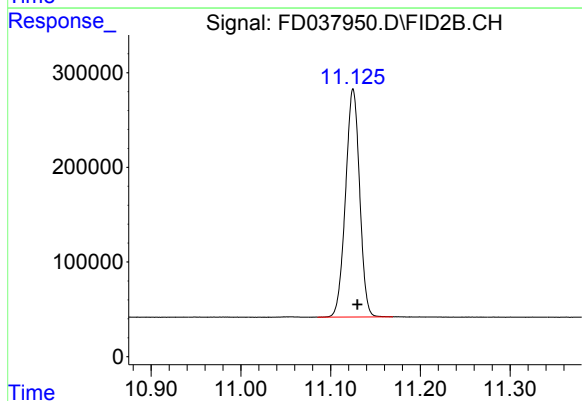
#6 n-Tetradecane (C14)

R.T.: 8.098 min
Delta R.T.: -0.002 min
Response: 2620303
Conc: 20.88 ug/ml



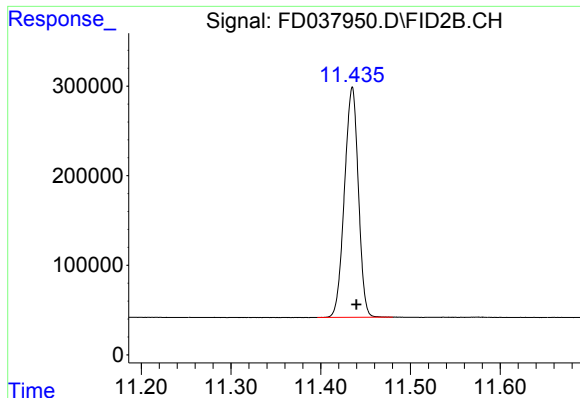
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: -0.004 min
Response: 2601366
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

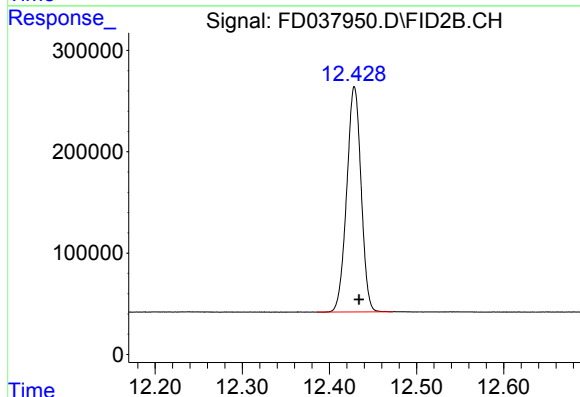
R.T.: 11.125 min
Delta R.T.: -0.005 min
Response: 2626337
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

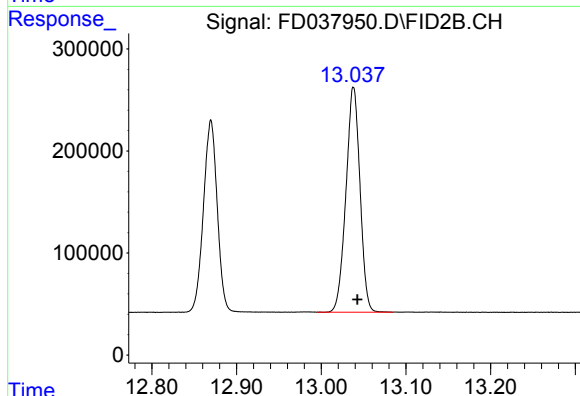
R.T.: 11.435 min
Delta R.T.: -0.004 min
Response: 2763209
Conc: 19.47 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



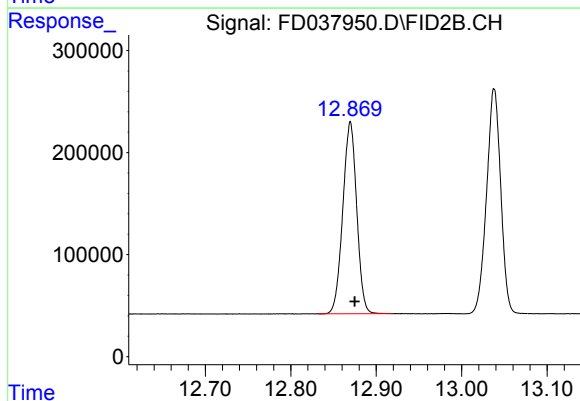
#10 n-Eicosane (C20)

R.T.: 12.429 min
Delta R.T.: -0.005 min
Response: 2549715
Conc: 19.32 ug/ml



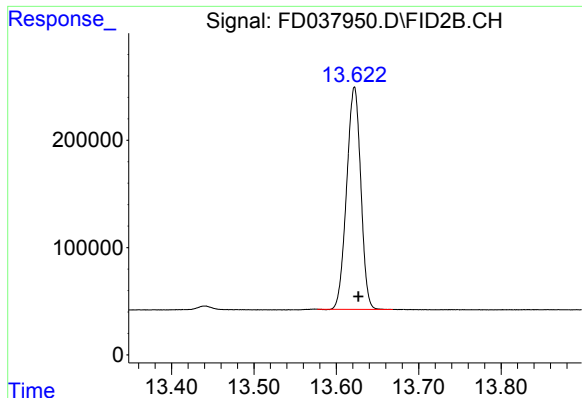
#11 n-Heneicosane (C21)

R.T.: 13.038 min
Delta R.T.: -0.004 min
Response: 2543069
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

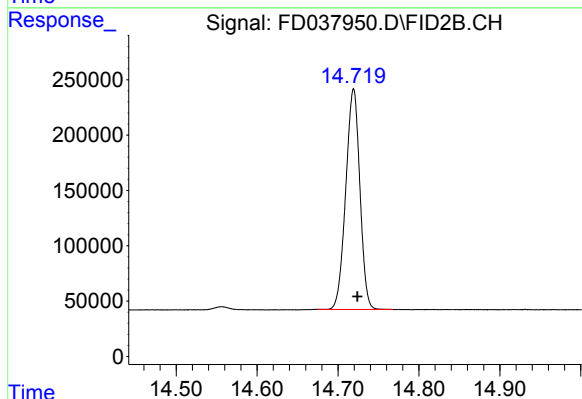
R.T.: 12.870 min
Delta R.T.: -0.005 min
Response: 2125613
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

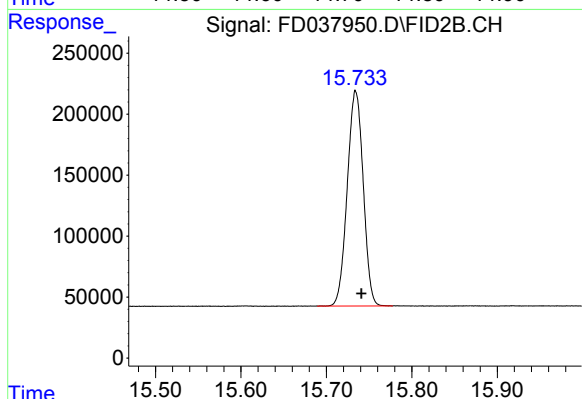
R.T.: 13.622 min
Delta R.T.: -0.005 min
Response: 2472958
Conc: 18.86 ug/ml

Instrument :
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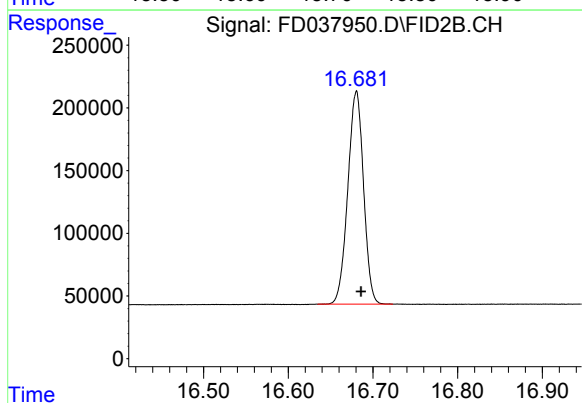
#14 n-Tetracosane (C24)

R.T.: 14.719 min
Delta R.T.: -0.005 min
Response: 2415902
Conc: 18.51 ug/ml



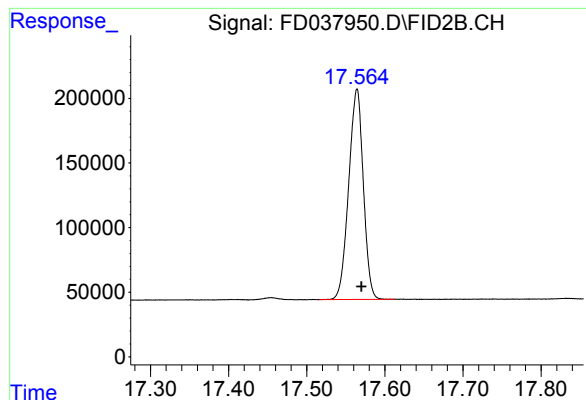
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: -0.007 min
Response: 2288651
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

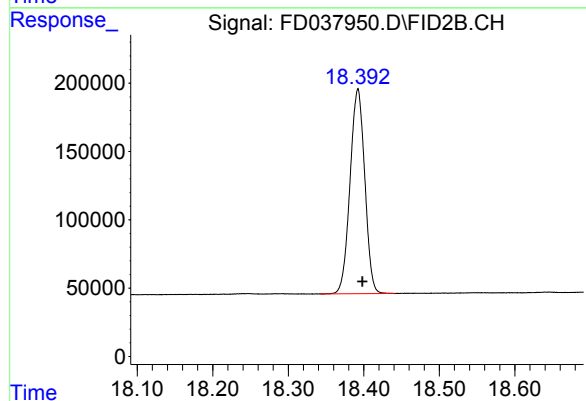
R.T.: 16.681 min
Delta R.T.: -0.005 min
Response: 2191755
Conc: 17.66 ug/ml



#17 n-Tricontane (C30)

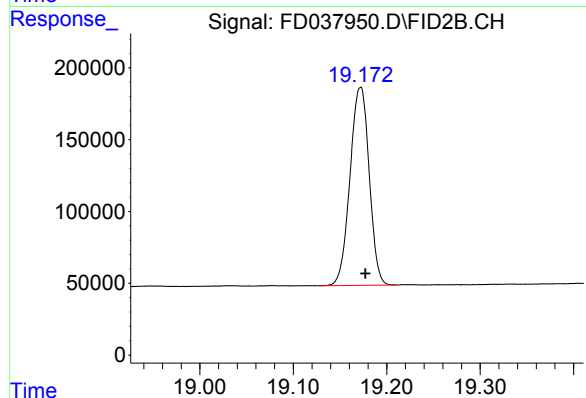
R.T.: 17.564 min
Delta R.T.: -0.005 min
Response: 2117041
Conc: 17.59 ug/ml

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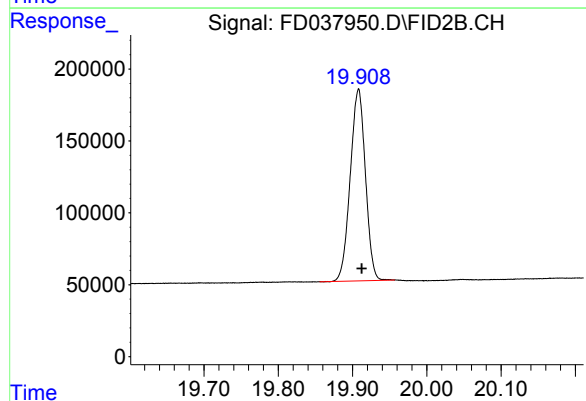
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: -0.006 min
Response: 2029863
Conc: 17.73 ug/ml



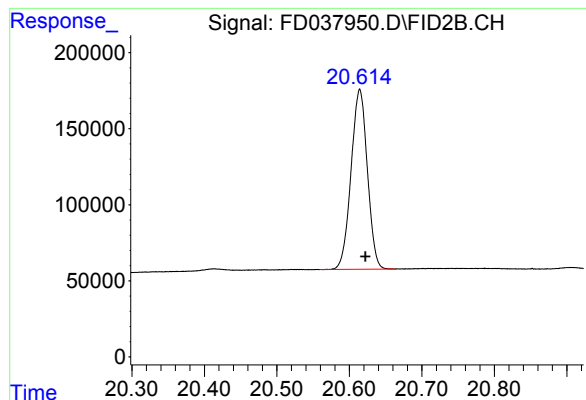
#19 n-Tetratriacontane (C34)

R.T.: 19.172 min
Delta R.T.: -0.005 min
Response: 1968504
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

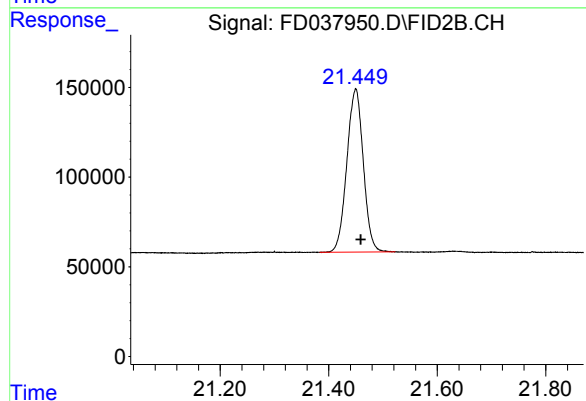
R.T.: 19.908 min
Delta R.T.: -0.004 min
Response: 1889752
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.614 min
Delta R.T.: -0.008 min
Response: 1846475
Conc: 20.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.450 min
Delta R.T.: -0.009 min
Response: 1915892
Conc: 20.14 ug/ml